

# 1980-ASTM ADAPTER, REDUCING AND ENLARGING

Chemical Resistant

[Read More](#)

SKU:

Price:

Categories: [Adapters](#), [Laboratory Glassware](#)

Tags: [Adapter](#), [Lab Glassware](#), [Laboratory Glassware](#)



## Product Description

### Chemical Resistant

Part No.	Female Joint	Male Joint	Pack QTY.
1980-24F10M	24/40	10/30	10
1980-19F14M	19/22	14/20	10
1980-24F14M	24/40	14/20	10
1980-14F19M	14/20	19/22	10
1980-24F19M	24/40	19/22	10
1980-29F19M	29/42	19/22	10
1980-24F19M-A	24/40	19/38	10
1980-14F19M-A	14/35	19/38	10
1980-14F24M	14/20	24/40	10
1980-19F24M	19/38	24/40	10
1980-24F24M	24/40	24/40	10
1980-29F24M	29/42	24/40	10

Here are potential uses for such an adapter in a laboratory setting:

#### 1. Joint Size Adaptation:

- The primary function of a reducing and enlarging adapter is to facilitate connections between glassware with different joint sizes. This can be crucial when assembling experimental setups with various pieces of glassware.

#### 2. Apparatus Connection:

- Enlarging adapters allow for the connection of larger jointed glassware to smaller jointed glassware, and vice versa. This is especially useful in constructing experimental setups with diverse equipment.

#### 3. Fractional Distillation:

- The adapter may be used in fractional distillation setups where different components of a liquid mixture are separated based on their boiling points. The reducing or enlarging capability ensures compatibility between various distillation components.

#### 4. Reaction Setups:

- When connecting reaction vessels or other glassware with different joint sizes, the adapter can be employed to create a secure and tight connection, facilitating controlled reactions.

#### 5. Vacuum Filtration:

- In vacuum filtration setups, the reducing and enlarging adapter can be used to connect filtration apparatus with different joint sizes, ensuring a proper seal and maintaining vacuum conditions.

#### 6. Chromatography:

- The adapter may find use in chromatography setups, allowing for the connection of chromatography columns with different joint sizes or adapting detectors to the chromatography system.

#### 7. Gas or Liquid Transfer:

- This type of adapter can be utilized for controlled transfer of gases or liquids between glassware with

different joint sizes, providing a secure and leak-free connection.

**8. Laboratory Glassware Modification:**

- Researchers may use the adapter to modify existing laboratory glassware, adapting it to new experimental needs without the need to replace the entire setup.
-